

# Uponor PP-RCT 90 elbows fabricated (butt fusion)

## Project Information

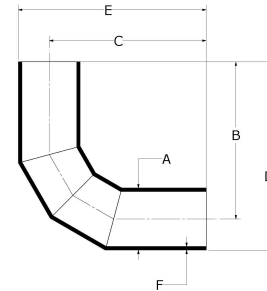
Job name:	Location:
Engineer:	Date submitted:
Contractor:	Submitted by:
Manufacturer's representative:	Approved by:

## Technical data

Material PP-RCT

## Product information and application use

Use Uponor PP-RCT 45 fabricated elbows with Uponor PP-RCT mechanical pipe to convey water for hydronic heating and cooling or industrial applications.



Part name	Part no.	A [inch]	B [inch]	C [inch]	D [inch]	E [inch]	F [inch]	Weight per UOM [lbs/UOM]	Equivalent length through [ft]	End Type 1	End Type 2
Uponor PP-RCT 90 Elbow, Mechanical, 6" x 6", SDR 11	PR1147690600	6.3	19.24	19.24	22.39	22.39	0.58	-	-	Butt 6"	Butt 6"
Uponor PP-RCT 90 Elbow, Mechanical, 10" x 10", SDR 17.6	PR174769010	9.85	22	22	26.925	26.925	0.56	23.5	29.1	Butt 10"	Butt 10"
Uponor PP-RCT 90 Elbow, Mechanical, 12" x 12", SDR 17.6	PR174769012	12.4	25	25	31.2	31.2	0.705	42.04	36.6	Butt 12"	Butt 12"
Uponor PP-RCT 90 Elbow, Mechanical, 6" x 6", SDR 17.6	PR174769060	6.3	19.24	19.24	22.39	22.39	0.358	8.47	19.8	Butt 6"	Butt 6"
Uponor PP-RCT 90 Elbow, Mechanical, 8" x 8", SDR 17.6	PR174769080	7.88	20	20	23.94	23.94	0.448	13.34	23.3	Butt 8"	Butt 8"
Uponor PP-RCT 90 Elbow, Mechanical, 6" x 6", SDR 9	PR947690600	6.3	19.24	19.24	22.39	22.39	0.7	15.15	18	Butt 6"	Butt 6"
Uponor PP-RCT 90 Elbow, Mechanical, 8" x 8", SDR 9	PR947690800	7.88	20	20	23.94	23.94	0.88	-	-	Butt 8"	Butt 8"

Part name	Part no.	Operating Temperature 1 [°F]	Operating Temperature 2 [°F]	Operating Temperature 3 [°F]
Uponor PP-RCT 90 Elbow, Mechanical, 6" x 6", SDR 11	PR1147690600	-	-	-
Uponor PP-RCT 90 Elbow, Mechanical, 10" x 10", SDR 17.6	PR174769010	73 °F (23 °C) at 130 psi (23 °C)	140 °F (60 °C) at 70 psi (60 °C)	180 °F (82 °C) at 50 psi (82 °C)
Uponor PP-RCT 90 Elbow, Mechanical, 12" x 12", SDR 17.6	PR174769012	73 °F (23 °C) at 130 psi (23 °C)	140 °F (60 °C) at 70 psi (60 °C)	180 °F (82 °C) at 50 psi (82 °C)
Uponor PP-RCT 90 Elbow, Mechanical, 6" x 6", SDR 17.6	PR174769060	73 °F (23 °C) at 130 psi (23 °C)	140 °F (60 °C) at 70 psi (60 °C)	180 °F (82 °C) at 50 psi (82 °C)
Uponor PP-RCT 90 Elbow, Mechanical, 8" x 8", SDR 17.6	PR174769080	73 °F (23 °C) at 130 psi (23 °C)	140 °F (60 °C) at 70 psi (60 °C)	180 °F (82 °C) at 50 psi (82 °C)
Uponor PP-RCT 90 Elbow, Mechanical, 6" x 6", SDR 9	PR947690600	73 °F (23 °C) at 265 psi (23 °C)	140 °F (60 °C) at 150 psi (60 °C)	180 °F (82 °C) at 100 psi (82 °C)
Uponor PP-RCT 90 Elbow, Mechanical, 8" x 8", SDR 9	PR947690800	-	-	-

## Installation

Use approved butt-fusion connection methods. Refer to the Uponor PP-RCT manual for complete details.

## Related applications

Hydronic heating and cooling systems  
Industrial

## Codes

CMC|IMC|UMC

## Standards

ASTM E84|NSF-14|ASTM F2389|CSA B137.11

## Listings

ICC-ES-PMG 1106|IAPMO-R&T 8358|QAI P321-5|IAPMO K-12775

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